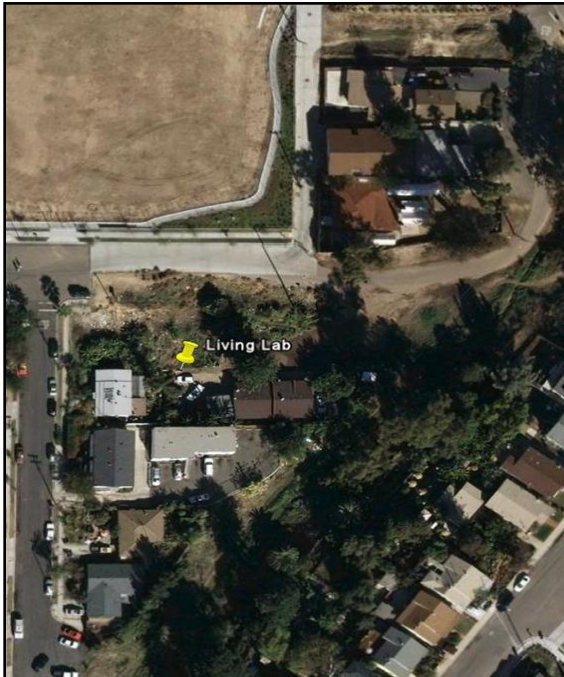


OCEAN DISCOVERY INSTITUTE LIVING LAB FACILITY: SITE



The proposed project would be located at the gateway of Manzanita Canyon. This 30-plus acre urban canyon is situated within Chollas Creek in the Pueblo watershed In San Diego County.

The location is across the street from an elementary school and three additional schools are within ½ mile radius of the project.



Among the most diverse neighborhoods in the nation, with over 30 languages spoken, City Heights is a densely urbanized community of nearly 80,000 people. The community has a 38% poverty rate and more than 99% of children are eligible for federal free lunch programs.

OCEAN DISCOVERY INSTITUTE LIVING LAB FACILITY: ENVIRONMENTAL CHALLENGES & OPPORTUNITIES



The project site exhibits degradation including illegal dumping, invasive plants and fire hazards, and a lack of opportunities to connect to the local environment.

Social challenges such as crime, drug use, and transiency contribute to the negative environmental impact in this watershed.



The Living Lab would provide stewardship opportunities that would benefit the local environment, the watershed, and the San Diego Bay.

OCEAN DISCOVERY INSTITUTE LIVING LAB FACILITY: EDUCATIONAL CHALLENGES & OPPORTUNITIES



The community represents the population in greatest need of scientific and environmental literacy opportunities.

The area is significantly park and nature deficient.



Once operational the facility would annually engage over 20,000 individuals in ocean science education, scientific research, and environmental stewardship.

OCEAN DISCOVERY INSTITUTE LIVING LAB FACILITY: INITIAL CONCEPTUAL DRAWINGS



The proposed project would create an 8,000 square foot facility, 3,5000 square feet of outdoor features, and increased accessibility to open space.

The design concept of the Living Lab project captures the four basic elements of a watershed (biosphere, lithosphere, hydrosphere, and atmosphere) to guide the form and function of the building. The building then represents a metaphorical model of the watershed, developing a sense of place and connectivity to the ocean and region in its visitors

